



NEMA Premium

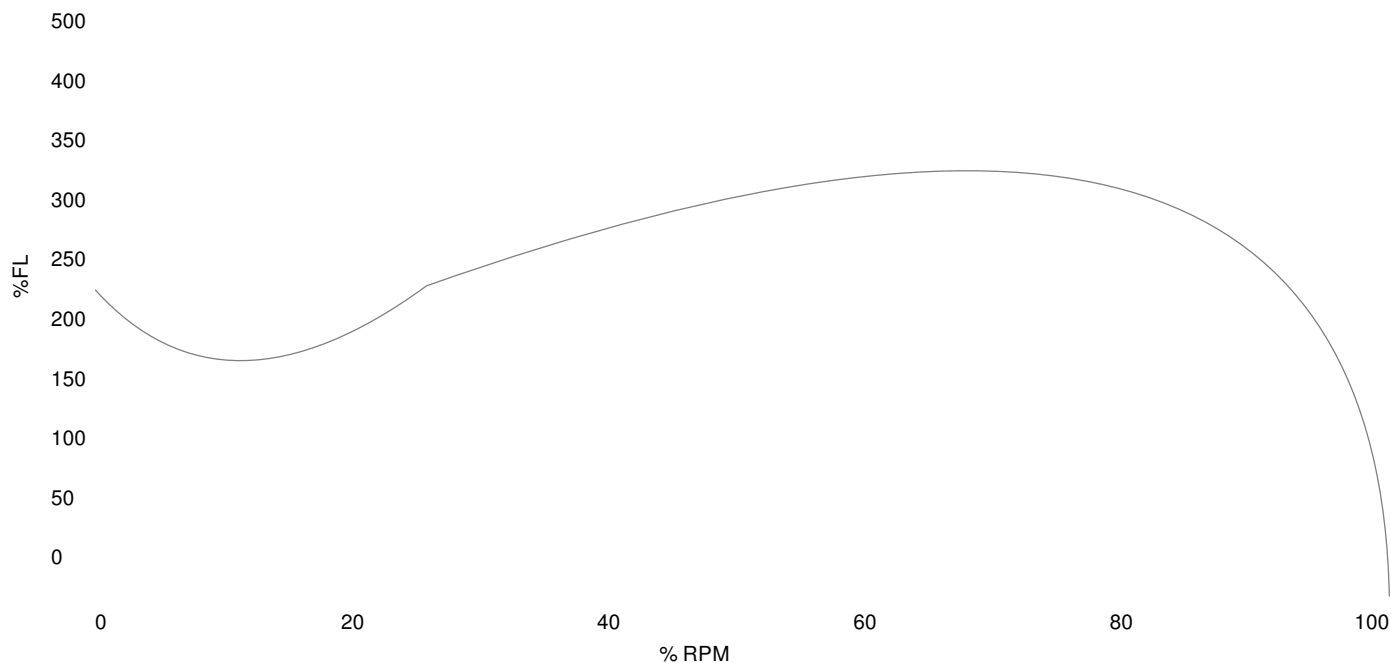
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|----------------------|--------------------------|
| MOTOR MODEL: | BR3-CI-TF-404T-6-RR-E-60 |
| FACTORY TYPE: | TXC |

NEMA

Premium NEMA Cast Iron, TEFC

Non Sinusoidal (VFD) Output 60.0HP, 1185 RPM

Torque Speed (T-n) Curve



Performance Load Values, High Voltage, 60Hz

| Torque Values | Torque lb-ft | % FLT | Performance Values |
|---------------------|--------------|-------|----------------------|
| Locked Rotor Torque | 636.28 | 237.0 | Start Configuration |
| Pull-Up Torque | 338.276 | 126.0 | Starting Current (A) |
| Breakdown Torque | 644.334 | 240.0 | No-Load Current (A) |
| Full Load | 268.473 | 100.0 | No-Load Power Factor |

| % Load | Horsepower | Current, Amps | Input power, Kilowatts | Speed, RPM | Efficiency | PF |
|--------|------------|---------------|------------------------|------------|------------|------|
| 0 | - | 24.92 | - | - | - | - |
| 25 | 15.0 | 29.93 | 12.66 | 1196.9 | 88.86 | 0.53 |
| 50 | 30.0 | 40.96 | 24.18 | 1193.9 | 93.05 | 0.74 |
| 75 | 45.0 | 54.47 | 35.88 | 1190.5 | 94.06 | 0.83 |
| 100 | 60.0 | 69.89 | 47.8 | 1186.9 | 94.14 | 0.86 |
| 125 | 75.0 | 79.81 | 55.06 | 1184.6 | 93.99 | 0.87 |

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